



**Chettinad Cement /Karikkali /TN/Fly ash Returns/2018-19/Quarter 1 (Apr'18-Jun'18)**  
16<sup>th</sup> July, 2018

**Director (SEZ)**

**Ministry of Environment, Forests and Climate Change**  
Govt. of India, Regional Office (SEZ),  
1<sup>st</sup> and II<sup>nd</sup> Floor, Handloom Export Promotion Council,  
34, Cathedral Garden Road,  
Nungambakkam, Chennai – 600 034,

Dear Sir,

**Sub: Submission of Fly Ash - Return for the period of Apr'18 - Jun'18 pertaining to Captive Power Plant (1 x 18 mw & 2 x 30 mw) of Chettinad Cement Corporation Private Limited, Karikkali Village, Veda sandur Taulk, Dindigul District, Tamilnadu.**

\* \* \*

We understand that the status of Fly Ash utilization is to be submitted on a quarterly basis as advised by Central Pollution Control Board vide its letter no. B 330/14/7/2017/1-PC-II/13619 dated 14<sup>th</sup> Nov, 2017. Accordingly, we submit herewith Fly Ash Returns for the period of Apr'18 - Jun'18 pertaining to our Captive Power Plant (1X18 MW & 2X30 MW) of Chettinad Cement Corporation Limited located at Karikkali Village, Veda sandur Taulk, Dindigul District, Tamilnadu.

Thanking you,

Yours faithfully,

for **CHETTINAD CEMENT CORPORATION PRIVATE LIMITED,**

**M.U.SUBRAMANEYAN**  
**JOINT PRESIDENT (WORKS)**

Copy submitted to:

1. Director (Thermal), MoEFCC, New Delhi
2. Member Secretary, CPCB, Delhi
3. Scientist ' E ' & Incharge, CPCB, Bangalore
4. Member Secretary, TNPCCB, Chennai
5. Joint Chief Environmental Engineer, TNPCCB, Madurai
6. District Environmental Engineer, TNPCCB, Dindigul

**Chettinad Cement Corporation Private Limited.**

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## Chettinad Cement Corporation Private Limited (Karikkali Works)

Rani Meyyammai Nagar, Karikkali Vilalge & Post, Dindigul, Tamil Nadu -624703

### Fly Ash Return (Apr'18 – Jun'18)

[As per paragraph 2(7) of the Fly Ash Amended Notification, S.O.2804 (E) dated 03<sup>rd</sup> Nov, 2009]

S. No	Details Sought	Details
1.	Name of the industry	Chettinad Cement Corporation Private Limited
2.	Full Address including Pin code	Chettinad Cement Corporation Private Limited, Rani Meyyammai Nagar, Karikkali Village Guziliyampari (via), Veda sandur Taluk Dindigul District, Tamilnadu - 624703
3.	E mail address	<a href="mailto:subramanian.u@chettinadcement.com">subramanian.u@chettinadcement.com</a>
4.	Name of the Nodal Officer (Not below the rank of DGM dealing with Ash Management and Designation)	M.U.Subramanayan Joint President (Works)
5.	Telephone number	04551-234441
6.	Fax number	04551-234608
7.	Capacity of Thermal Power Plant	78 MW
8.	Details of number of Units and capacity of each unit	i. Number of Units : 3 ii. Capacity of Units : Unit 1 : 18 mw Unit II : 30 mw Unit III : 30 mw Total Capacity : 78 mw
9.	Coal consumption in million tons (Apr '18 – Jun'18)	0.030082
10.	Average Ash Content % in coal	10.78%
<b>A. Ash Generation (in metric tons) during Apr'18 - Jun'18</b>		
11.	Bottom Ash	71
12.	Fly Ash	3172
	<b>Total A -Ash generated (11 to 12)</b>	<b>3243</b>
<b>B. Ash Unutilized (in metric tons) During Apr'18 - Jun'18</b>		
13.	Ash pond disposal	Nil
14.	Ash Yard	Nil
15.	Ash Dump	Nil
	<b>Total B – Ash Unutilized (13 to 15)</b>	<b>Nil</b>

<b>C</b>	<b>Ash utilization (in Metric tons) during Apr'18 - Jun'18</b>
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S. No	Purpose	Target	Actual			
			From ESP Dry Ash	From Pond Ash	From Bottom Ash	Total
16.	Ash pond dike rising	-	-	-	-	-
17.	Cement industry	100 %	3172	-	-	3172
18.	Land fill (used for developing vegetation)	-	-	-	-	-
19.	Own Brick unit	-	-	-	-	-
20.	Outside brick units other than brick kilns	-	-	-	-	-
21.	Brick kilns	-	-	-	-	-
22.	Own ash based products (other than bricks)	-	-	-	-	-
23.	Ash based products (out side)	-	-	-	-	-
24.	Road and Flyover embankments	-	-	-	-	-
25.	Back filling of mines	-	-	-	-	-
26.	Agriculture	-	-	-	-	-
27.	Ready mix concrete	-	-	-	-	-
28.	Asbestos	-	-	-	-	-
29.	Exports	-	-	-	-	-
30.	Others					
	a. For Boiler Bed Material Preparation	31%	-	-	22	22
	b. As sand for preparing Cement Mix forvarious masonry works within the premises.	69%	-	-	49	49
	c. Road Laying within the premises	-	-	-	-	-
<b>Total C- Ash Utilization (16 to 30)</b>		<b>100%</b>	<b>3172</b>	<b>0</b>	<b>71</b>	<b>3243</b>

**D. Reasons for variation from the Target** : Not applicable as 100% utilization of Ash is ensured

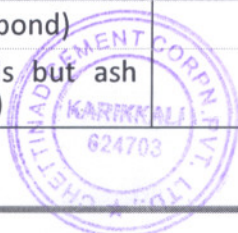
**E. Remedial Measures taken** : Not applicable

**F. Quantity in Ash Pond**

31.	Estimated quantity of Pond Ash in active ash pond (Pond in use) as on 30 <sup>th</sup> Jun, 2018 (million tons)	Nil
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**G. Ash Pond Details : No Ash Pond provided due to 100 % utilization of Ash**

S. No	Area Break Up	Forest Area	Non-Forest Area	Total
32.	Total Area earmarked for Ash pond (Ha)	Nil	Nil	Nil
33.	Ash pond already filled up and reclaimed (ha)	Nil	Nil	Nil
34.	Ash pond already filled up but yet to be reclaimed (ha)	Nil	Nil	Nil
35.	Ash pond in use (ha)(Active ash pond)	Nil	Nil	Nil
36.	Area earmarked for ash ponds but ash ponds yet to be constructed (ha)	Nil	Nil	Nil



<b>H .Dry Ash collection Facilities</b>			
37.	Whether Mechanical handling facility for dry fly ash collection is available		Yes
38.	If yes, how many units		Three Units
<b>I. Dry Fly Ash Storage.</b>			
39.	<b>Daily ash generation (TPD) Apr'18 - Jun'18</b>	<b>Capacity of storage as on 30<sup>th</sup> Jun, 2018 (tons)</b>	<b>Capacity proposed, if any in 2019-20 (tons)</b>
	35.64 (Average)	16300	NIL
<b>J. Capital Expenditure (Rs.Lakhs)</b>			
<b>S. No</b>	<b>Item</b>	<b>Expenditure in 2018-19 till 30<sup>th</sup> Jun,2018 (Rs. Lakhs)</b>	<b>Budgetary Provision in 2019 - 20 (Rs. Lakhs)</b>
40.	Mechanical dry fly ash collection facility	Nil	Nil
41.	Dry fly ash storage	Nil	Nil
<b>K. Dispute Settlement Committee :</b>			
<b>S No</b>	<b>No. of meetings held in 2018-19 till 30<sup>th</sup> Jun, 2018</b>	<b>If no meetings were held reason for the same</b>	
42.	NIL	As the entire Ash generated is utilized within the premises, no surplus Ash is available to outside user. Hence, there is no dispute.	
<b>L. Provision regarding supply to the brick kilns :</b>			
43.	Whether the Thermal Power Station is maintaining month-wise records of ash made available to each brick kiln	As the entire quantity of generation of Ash is utilized within the premises, no supply of Ash is made to any brick kiln or brick manufacturer. Hence, the need to maintain the records regarding ash supply to brick kiln is not envisaged.	
44.	If yes, how many brick kilns have been supplied with fly ash	Not Applicable	
<b>M. Mode of Transportation of ash : Rail rakes/truck/trailer/closed container/covered with Tarpaulin/ open (strikeout whichever not applicable)</b>			
45.	Dry Ash	Fly Ash is conveyed from ESP Hopper to Ash Silo in the Cement Plant pneumatically in closed pipeline. No transportation of Fly Ash takes place to the outside the premises.	
46.	Bottom Ash	Bottom Ash collected from the bottom of the Boiler is being conveyed through chain conveyor & bucket elevator to the Bottom Ash storage Bin.	





**N. Promotional Measures:**

As the entire Ash generated is utilized within the premises, no surplus Ash is available to outside user. Hence, no promotional measures have been initiated.

S. No	Promotional Measures	No. of meetings/ workshops exhibition held during 2018-19 till 30 <sup>th</sup> Jun, 2018	Amount Spent in 2018-19 till 30 <sup>th</sup> Jun, 2018 (Rs. Lakhs)	Outlay for 2019-20 (Rs. Lakhs)
47.	Exhibitions	Nil	Nil	Nil
48.	Seminars	Nil	Nil	Nil
49.	Workshops	Nil	Nil	Nil
50.	Advertisement in News Papers	Nil	Nil	Nil
51.	Advertisement in TV	Nil	Nil	Nil
52.	Advertisement in Radio	Nil	Nil	Nil
53.	Others (Please specify) – Ash Brick Manufacturing unit	Nil	Nil	Nil
Total N (47 to 53)		Nil	Nil	Nil

**O. Administrative measures taken**

S No	Administrative measures	Outcome
54.	Meeting with brick manufacturers	As no surplus Ash is available, no supply of Ash is made to brick manufacturers. Hence, no meeting took place with any brick manufacturer.
55.	Meeting with State Government/Agencies	As no supply of Ash is made to any outsider, there is no dispute requiring involvement of State Government/Agencies. Hence, no meetings held with State Government / Agencies.
56.	Any other measure (Please specify)	Nil



The following information shall be submitted

**Annexure - I**

**Details of Brick Units / Brick Kilns and other Fly Ash Product Units to which Ash is supplied**

S No	Name of the Unit & Address	Telephone No, if any	Quantity supplied in Metric tons
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No supply of Ash is made to Brick Units / Brick Kilns and other Fly Ash Product Units as 100 % of Ash generated is used within the premises for Cement manufacturing.

**Annexure – II**

**Details of Cement to which Fly Ash supplied**

S No	Name of the Unit & Address	Telephone No, if any	Quantity supplied in metric tons
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100 % of Fly Ash generated from the Captive Power Plant is used in our Cement Plant located within the same premises for cement manufacturing.

**Annexure – III**

**Name of Road projects to which Fly Ash supplied**

S No	Name of the Road Project	Telephone No , if any	Quantity supplied in metric tons
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No supply of Fly Ash is made to Road Projects as 100 % of Ash generated is used within the premises for Cement manufacturing.

**Annexure – IV**

**Name of Hydro power project to which Fly Ash supplied**

S No	Name of the Hydro power project	Telephone No if any	Quantity supplied in metric tons
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No supply of Fly Ash is made to any Hydro Power Projects as 100 % of Ash generated is used within the premises for Cement manufacturing.

**Annexure – V**

**Name of Mine to which Ash supplied**

S No	Name of the Mine	Open cast / Under ground	Back filling
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No supply of Ash is made to any Mine for back filling as 100 % of Ash generated is used within the premises for Cement manufacturing.

Signature

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Name

:

M.U.Subramanayan

Designation

:

Joint President (Works)

Date

:

16.07.2018

